

Notice of Allowability

Application No.

10/066,545

Examiner

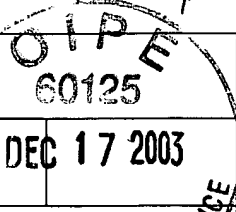
Thien M. Le

Applicant(s)

TSIKOS ET AL.

Art Unit

2876



-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☐ This communication is responsive to ____.
2. ☒ The allowed claim(s) is/are 1-42.
3. ☒ The drawings filed on 03 June 2002 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- * Certified copies not received: ____.
5. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
 - (a) ☐ The translation of the foreign language provisional application has been received.
6. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE**

7. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
8. ☐ CORRECTED DRAWINGS must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No. ____.
 - (b) ☐ including changes required by the proposed drawing correction filed ____, which has been approved by the Examiner.
 - (c) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. ____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the top margin (not the back) of each sheet. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

9. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- 1 ☒ Notice of References Cited (PTO-892)
- 3 ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 5 ☒ Information Disclosure Statements (PTO-1449), Paper No. 6.
- 7 ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

- 2 ☐ Notice of Informal Patent Application (PTO-152)
- 4 ☐ Interview Summary (PTO-413), Paper No. ____.
- 6 ☐ Examiner's Amendment/Comment
- 8 ☒ Examiner's Statement of Reasons for Allowance
- 9 ☐ Other

THOMAS J. PERKOWSKI ESQ., P.C.
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DEC 20 2002

ATTORNEY CASE NO.

DETAILED ACTION

The preliminary amendment filed on 06/03/2002 and the information disclosure statement filed on 8/06/2002, have been entered.

As a preliminary matter, it is submitted that the preliminary amendment seeks to cancel the original set of claims 1-32, and adds a new set of claims 33-75; not claims 33-81 as submitted in the remark section of the preliminary amendment. Further, since a substitute specification has been filed, the newly submitted set of claims, claims 33-75, have been renumbered as claims 1-42 (herein referred to as claims 1-42).

Allowable Subject Matter

Claims 1-42 are allowed.

The following is a statement of reasons for the indication of allowable subject matter: The prior art fails to disclose a planar laser illumination and imaging (PLIIM) based system comprising:

A system housing having first, second, and third light transmission apertures linearly aligned;

A linear image formation and detection module;

A pair of planar laser illumination arrays (PLIAs);

And having the function and characteristics as recited in claim 1.

The prior art also fails to disclose the limitations of claims 10, 18, 26, and 35.

Art Unit: 2876

Conclusion

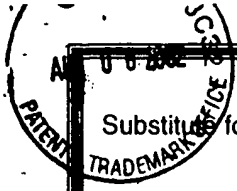
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thien M. Le whose telephone number is (703) 305-3500. The examiner can normally be reached on Monday - Friday from 7:30am - 4:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael G. Lee can be reached on (703) 305-3503. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 308-5841 for regular communications and (703) 308-7722 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.



**Le, Thien Minh
Primary Examiner
Art Unit 2876
December 16, 2002**



Substitute for form 1449A/PTO

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INFORMATION
DISCLOSURE STATEMENT
BY APPLICANT

Sheet

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of

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Complete if known

Application Number	10/066,545
Filing Date	AUG 21 2002 February 14, 2002
First Name Inventor	IC2800 Constantine Tsikos et al.
Group Art Unit	2876
Examiner Name	n/a
Attorney Docket Number	108-087USANGO

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	U.S. Patent Documents		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Intr'n'l Class / Sub Class
		Number	Kind Code (if known)			
Uy		6,230,975 B1		Colley et al.	05/15/2001	G06K 7/10
		6,223,988 B1		Batterman et al.	05/01/2001	G06K 7/10
		6,166,770		Yasuda	12/26/2000	H04N 5/232
		Re: 36,528		Roustaei	01/25/2000	G06K 7/10
		5,988,506		Schabam et al.	11/23/1999	G06K 07/10
		5,986,745		Hernary et al.	11/16/1999	G01B 11/24
		5,786,582		Roustaei et al.	07/28/1998	G02B 26/08
		5,710,417		Joseph et al.	01/20/1998	G06K 7/10
		5,672,858		Li et al.	09/30/1997	G06K 7/10
GP		5,621,203		Swartz at al.	05/15/1997	G06K 7.10



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AUG 21 2002

U.S. PATENT DOCUMENTS

TC 2000 MAIL ROOM

Examiner Initials	Cite No.	U.S. Patent Documents		Name of Patentee or Applicant of Cited Document	Publication of Cited Document MM-DD-YYYY	Intn'l Class / Sub Class
		Number	Kind Code (if known)			
hjm		5,615,003		Hermery et al.	03/25/1997	G01B 11/24
		5,532,467		Roustaei	06/02/1996	G06K 7/10
		5,378,883		Batterman et al.	01/03/1995	G06K 7/10
		5,319,185		Obata	06/07/1994	G06K 7/10
		5,319,181		Shellhammer et al.	06/07/1994	G06K 7/10
		5,296,690		Chandler et al.	03/22/1994	G06K/7
		5,212,390		LeBeau et al.	05/18/1993	G01V 9/04
		5,192,856		Schaham	03/09/1993	G06K 7/10
		5,136,145		Karney	08/04/1992	G06K 13/00
		4,979,815		Tsikos	12/25/1990	G01C 3/00
		4,900,907		Matusima et al.	02/13/1990	
		4,826,299		Powell	05/02/1989	G02B 13/18
hjm		4,687,325		Corby	08/18/1987	G01C 3/00



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PUBLICATIONS

AUG 21 2002

Description

TC 2800 MAIL ROOM

Examiner
Initials

Cite
No.

Product Brochure For Model 120 LIVAAR Short Wave IR Gated Camera Specification by Intevac Corporation, Santa Clara CA, 2001

Weblink to NEW LIVAR IMAGERY by Intevac Corporation, Santa Clara CA, 2001

Product Brochure for Lasiris SNF Laser by StockerYale Corporation, Salem NH, 2001

Product Brochure for AV3700 High Speed CCD Bar Code Reader by Accu-Sort Systems, Inc., Telford, PA 2001

Product Brochure for DALSA IT-PA Image Sensors by Dalsa, Inc., Waterloo, Ontario, CA, 2000.

Product Brochure for KAF-4202 SERIES by Eastman Kodak Company, Rochester NY, 2000.

User's Manual for Piranha CT-P4, CL-P4 Camera from Dalsa, Inc., Waterloo, Ontario, CA 2000.

Product Brochure for Sony ICX085AL 2/3-inch Progressive Scan CCD Image Sensor from Sony Corp., 2000.

Product Brochure for ML1XX6 Series Laser Diodes for Optical Information Systems by Mitsubishi Electric, 1999.



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FOREIGN PATENT DOCUMENTS

AUG 21 2002

TC 2800 MAIL ROOM

Examiner Initials		Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Intn'l Class / Sub Class	T •
		Office	Number	Kind Code (if known)				
Wm		PCT	WO 01/71419 A2		Hecht	09/27/2001	G03B	
I		PCT	WO 01/72028 A1		Accu-Sort Systems, Inc.;	09/27/2001	H04N 1/028	
I		US	60/190,273		Brobst	05/29/2001		
GM		US	WO 99/64980		Symbol Technologies	12/16/1999	G06K 7/10	

EXAMINER

LE, TIEN

DATE CONSIDERED

12/6/2002

EXAMINER: Initial if reference considered, whether or not citation is in conformance with
MPEP 609; Draw line through citation if not in conformance not considered. Include
copy of this form with next communication to applicant.

(INFORMATION DISCLOSURE STATEMENT – SECTION 9 PTO-1449)

Notice of References Cited	Application/Control No. 10/066,545	Applicant(s)/Patent Under Reexamination TSIKOS ET AL.	
	Examiner Thien M. Le	Art Unit 2876	Page 1 of 3

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-6,427,917	08-2002	Knowles et al.	235/462.44
*	B	US-6,422,467	07-2002	Lucera et al.	235/462.23
*	C	US-6,411,199	06-2002	Geiszler et al.	340/10.1
*	D	US-6,318,637	11-2001	Stoner, Paul Douglas	235/472.01
*	E	US-6,296,187	10-2001	Shearer, Frank W.	235/462.41
*	F	US-6,257,492	07-2001	Bressler et al.	235/462.43
*	G	US-6,179,208	01-2001	Feng, Chen	235/472.01
*	H	US-6,149,062	11-2000	Danielson et al.	235/472.01
*	I	US-6,138,915	10-2000	Danielson et al.	235/472.02
*	J	US-6,123,264	09-2000	Li et al.	235/472.01
*	K	US-6,053,408	04-2000	Stoner, Paul Douglas	235/462.22
*	L	US-6,003,773	12-1999	Durbin et al.	235/462.45
*	M	US-5,992,751	11-1999	Laser, Vadim	235/472.01

FOREIGN PATENT DOCUMENTS

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NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
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	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Notice of References Cited	Application/Control No. 10/066,545	Applicant(s)/Patent Under Reexamination TSIKOS ET AL.	
	Examiner Thien M. Le	Art Unit 2876	Page 2 of 3

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-5,969,321	10-1999	Danielson et al.	235/462.01
*	B	US-5,965,863	10-1999	Parker et al.	235/462.25
*	C	US-5,945,658	08-1999	Salatto et al.	235/462.22
*	D	US-5,932,862	08-1999	Hussey et al.	235/462.07
*	E	US-5,929,418	07-1999	Ehrhart et al.	235/462.27
*	F	US-5,900,611	05-1999	Hecht, Kurt	235/454
*	G	US-5,886,338	03-1999	Arackellian et al.	235/472.01
*	H	US-5,841,121	11-1998	Koenck, Steven E.	235/472.01
*	I	US-5,834,754	11-1998	Feng et al.	235/472.01
*	J	US-5,834,749	11-1998	Durbin, Dennis A.	235/454
*	K	US-5,825,006	10-1998	Longacre et al.	235/462.27
*	L	US-5,736,725	04-1998	Danielson, Arvin D.	235/462.11
*	M	US-5,684,290	11-1997	Arackellian et al.	235/462.42

FOREIGN PATENT DOCUMENTS

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	Examiner Thien M. Le	Art Unit 2876	Page 3 of 3

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-5,591,955	01-1997	Laser, Vadim	235/462.06
*	B	US-5,576,529	11-1996	Koenck et al.	235/462.47
*	C	US-5,534,684	07-1996	Danielson, Arvin D.	235/472.02
*	D	US-5,517,172	05-1996	Chiu, Manfred F.	340/310.01
*	E	US-5,491,471	02-1996	Stobbe, Anatoli	340/5.61
*	F	US-5,485,263	01-1996	Bjorner et al.	356/4.01
*	G	US-5,483,051	01-1996	Marchi, Paolo	235/462.22
*	H	US-5,166,676	11-1992	Milheiser, Thomas A.	340/10.34
*	I	US-5,028,918	07-1991	Giles et al.	340/10.51
*	J	US-4,227,807	10-1980	Pond et al.	356/139.03
*	K	US-4,877,949	10-1989	Danielson et al.	235/462.21
*	L	US-5,410,141	04-1995	Koenck et al.	235/472.02
*	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
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UNITED STATES PATENT AND TRADEMARK OFFICE

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NOTICE OF ALLOWANCE AND FEE(S) DUE

7590 12/17/2002

Thomas J. Perkowski, Esq., P.C.
Soundview Plaza
1266 East Main Street
Stamford, CT 06902

EXAMINER	
LE, THIEN MINH	
ART UNIT	CLASS-SUBCLASS
2876	235-472010

DATE MAILED: 12/17/2002

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/066,545	02/01/2002	Constantine J. Tsikos	108-087USANG0	3892

TITLE OF INVENTION: PLANAR LASER ILLUMINATION AND IMAGING (PLIIM) SYSTEMS EMPLOYING LASER-DIODE BASED PLANAR LASER ILLUMINATION ARRAYS AND LINEAR ELECTRONIC IMAGE DETECTION ARRAYS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1280	\$300	\$1580	03/17/2003

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.
- ☐ Applicant claims SMALL ENTITY status.
See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/066,545	02/01/2002	Constantine J. Tsikos	108-087USANG0	3892
7590	12/17/2002		EXAMINER	
Thomas J. Perkowski, Esq., P.C. Soundview Plaza 1266 East Main Street Stamford, CT 06902 UNITED STATES			LE, THIEN MINH	
			ART UNIT	PAPER NUMBER
			2876	

DATE MAILED: 12/17/2002

Notice of Fee Increase on January 1, 2003

If a reply to a "Notice of Allowance and Fee(s) Due" is filed in the Office on or after January 1, 2003, then the amount due will be higher than that set forth in the "Notice of Allowance and Fee(s) Due" since there will be an increase in fees effective on January 1, 2003. See Revision of Patent and Trademark Fees for Fiscal Year 2003; Final Rule, 67 Fed. Reg. 70847, 70849 (November 27, 2002).

The current fee schedule is accessible from: <http://www.uspto.gov/main/howtofees.htm>.

If the issue fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due," but not the correct amount in view of the fee increase, a "Notice to Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice to Pay Balance of Issue Fee," if the response to the Notice of Allowance and Fee(s) due form is to be filed on or after January 1, 2003 (or mailed with a certificate of mailing on or after January 1, 2003), the issue fee paid should be the fee that is required at the time the fee is paid. If the issue fee was previously paid, and the response to the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue fee now due, then the difference between the issue fee amount at the time the response is filed and the previously paid issue fee should be paid. See Manual of Patent Examining Procedure, Section 1308.01 (Eighth Edition, August 2001).

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** Box ISSUE FEE
Commissioner for Patents
Washington, D.C. 20231
Fax (703)746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)
7590 12/17/2002

Thomas J. Perkowski, Esq., P.C.
Soundview Plaza
1266 East Main Street
Stamford, CT 06902

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission
I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Box Issue Fee address above, or being facsimile transmitted to the USPTO, on the date indicated below.

Thomas J. Perkowski, Esq.	(Depositor's name)
<i>Thomas J. Perkowski</i>	(Signature)
March 17, 2003	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/066,545	02/01/2002	Constantine J. Tsikos	108-087USANGO	3892

TITLE OF INVENTION: PLANAR LASER ILLUMINATION AND IMAGING (PLIIM) SYSTEMS EMPLOYING LASER-DIODE BASED PLANAR LASER ILLUMINATION ARRAYS AND LINEAR ELECTRONIC IMAGE DETECTION ARRAYS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1280	\$300	\$1580	03/17/2003

EXAMINER	ART UNIT	CLASS-SUBCLASS
LE, THIEN MINH	2876	235-472010

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) Thomas J. Perkowski, Esq., PC the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Metrologic Instruments, Inc. Blackwood, NJ USA

Please check the appropriate assignee category or categories (will not be printed on the patent) ☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
☒ Publication Fee
☒ Advance Order - # of Copies 10

4b. Payment of Fee(s):

- ☒ A check in the amount of the fee(s) is enclosed.
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Thomas J. Perkowski 3/17/2003

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